

## ABSTRACT

A method and apparatus for digital signal transmission, in which data of plural media is transmitted and received over a communication transmission channel. A digital signal format for the transmitted digital signal has an ancillary data section ANC within which there are a plurality of channels for audio signals, each channel including a leading line number area LN, a type area TP, a byte count area BC, an error correction code ECC and a data area DT. The digital signal format also has a payload section PAD within which there are a plurality of channels for video signals, or the like. Each channel includes a type area TP, a byte count area BC, an error correction code ECC and a data area DT.